1st and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

567363

Serial No. ....Providing retaining wall at Indira Kotchen in ward No. 14
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....S. Manjunatha, S.R. Rama reddy.....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimated cost :- 4.99 Lakhs Job code :- 014-18-000358 A.A. No:- EE/OD/AS/11/2017-18 dt. 12/06/2017 T.S No:- EE/OD/TS/11/2017-18 dt. 08/06/2017 Roof :- EE/OD/LOA/ 12017-18 dt. 05/09/2017						
(1)	Construction of embankment with approved material Gravel / Murrum with all lifts and loads, transporting to Site, Spreading, grading to required Slope and compacting to meet requirements. Complete as per Specifications.						

Sindagi
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಹೊಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

ಹೊಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

TOTAL AMOUNT UN-ADJUSTED

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	As per premeasurement Qty recorded in this MB at Pg. No. 56 7395 vide st. No. ① i.e. @ Rate ₹ 325/cum					470.50 cum = ₹ 152924/-	
②	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2m and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods Complete. As per premeasurement Qty recorded in this MB at Pg. No. 567395/2 vide st. No. ② @ Rate ₹ 180/cum					37.00 cum = 6660/-	
③	Providing and laying in position P.C.C of mix 1:4:8 with OPC cement @ 150 kgs, with 40mm and down size graded granite metal CA @ 0.85 cum & FA @ 0.5[illegible]						

Sl

Sh. [illegible]

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ

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Serial No. .....

567364

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Machine mixed, concrete laid in layers not exceeding 15cms thies, well compacted.. complete As per premeasurement qty recorded in this MB at pg. No 567395 vide st. No (3) @. Rate ₹ 5200/cum					5.55 cum = ₹ 28860/-	
(4)	Providing and Constructing granite/trap/basalt SSM in Superstructure with CM 1:4, edges & stones chisle dressed in courses not less than 20 cms high. bond stones at 2m apart in each course including cost of materials, labours, complete as per specifications.						

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ಬೆಂಗಳೂರು

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per premeasurement Qty recorded in this MB at Pg No 567396 MB item No (4) @ Rate ₹ 6000/cum					20.72 cum = ₹124320/-	
(5)	Providing and constructing granite size stone masonry in basement with cm 1:6 edges & stones chisle dressed, in courses not less than 15cm high, bond stones at 2m, apart in each course. As per premeasurement Qty recorded in this MB at pg no 567396/2 vide at No. (5) @ Rate ₹ 5400/cum					6.66 cum = ₹35964/-	
(6)	providing and laying in position P.C.C. M15 M20 with ope cement @ 200 kg/m³ with 20mm and down aggregate						

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No. B 567365

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	graded granite metal coarse aggregates @ 0.43 cum, and fine aggregates @ 0.43 cum, with superplasticizer @ 2lts conforming to IS9103. well compacted, in foundations complete as per specifications. As per premeasurement Qty recorded in this MB at Pg. No 567396/2 vide at No. (6) ie. @ Rate ₹ 5955/cum					1.67 cum = ₹9937/-	
(7)	Filling available excavated earth in Rides & foundations upto plinth in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m.						

contractor for immediate use on the work in connection with items for which rates/items/work have been agreed upon. A fr agreement signed and executed by the contractor is recorded in divisional office.

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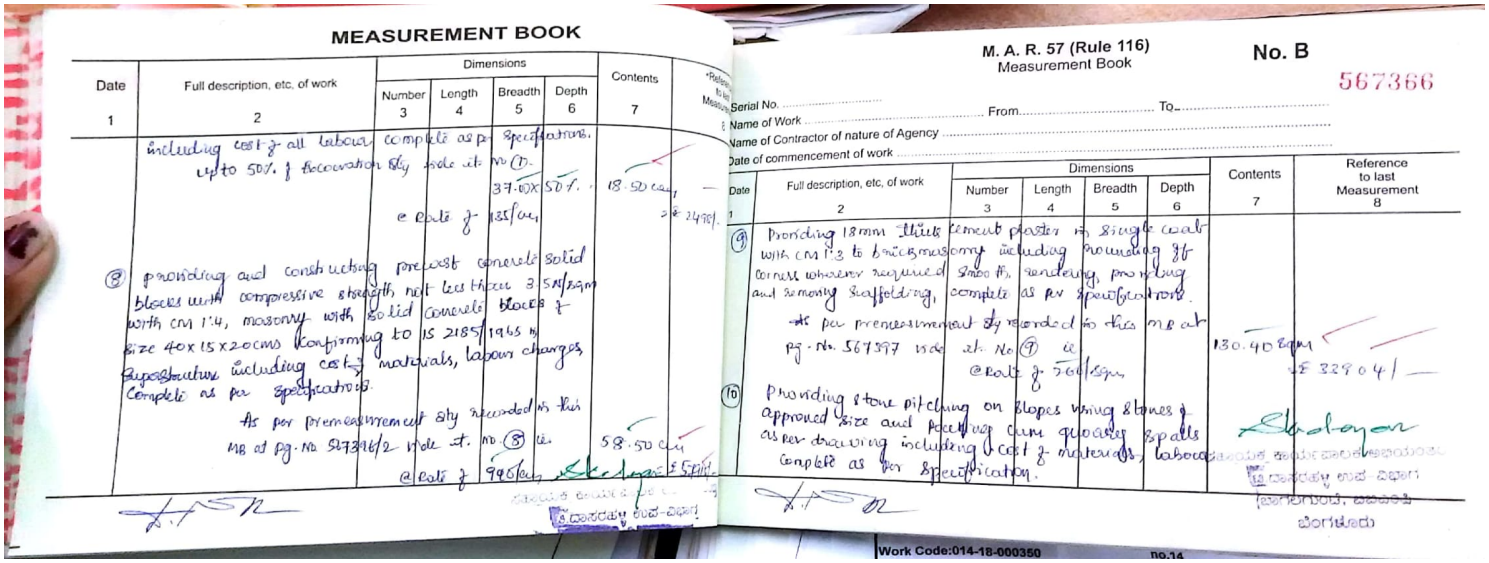

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	
	including cost & all labour complete as per specifications. up to 50% of excavation Qty vide item no (1).			37.00	50	18.50 cum	
	@ Rate ₹ 135/cum					₹ 2498/-	
(2)	providing and constructing precast concrete solid blocks with compressive strength not less than 3.5N/sqmm with CM 1:4, masonry with solid concrete blocks of size 40x15x20cms conforming to IS 2185/1965 in Superstructure including cost of materials, labour charges, Complete as per specifications.						
	As per premeasurement Qty recorded in this MB at pg. No 567397/2 vide st. no (3) i.e.					58.50 cum	
	@ Rate ₹ 995/cum					₹ 58207.50/-	

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Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(9)	Providing 18mm thick cement plaster in single coat with CM 1:3 to brick masonry including providing of corners wherever required smooth finishing, rendering, providing and removing scaffolding, complete as per specifications. as per premeasurement Qty recorded in this MB at pg. No. 567397 vide st. No (4) i.e.					130.40 sqm	
	@ Rate ₹ 560/sqm					₹ 73024/-	
(10)	Providing stone pitching on slopes using stones of approved size and packing cum grouting spalls as per drawing including cost of materials, labour Complete as per specification.						

Work Code:014-18-000350

no.14

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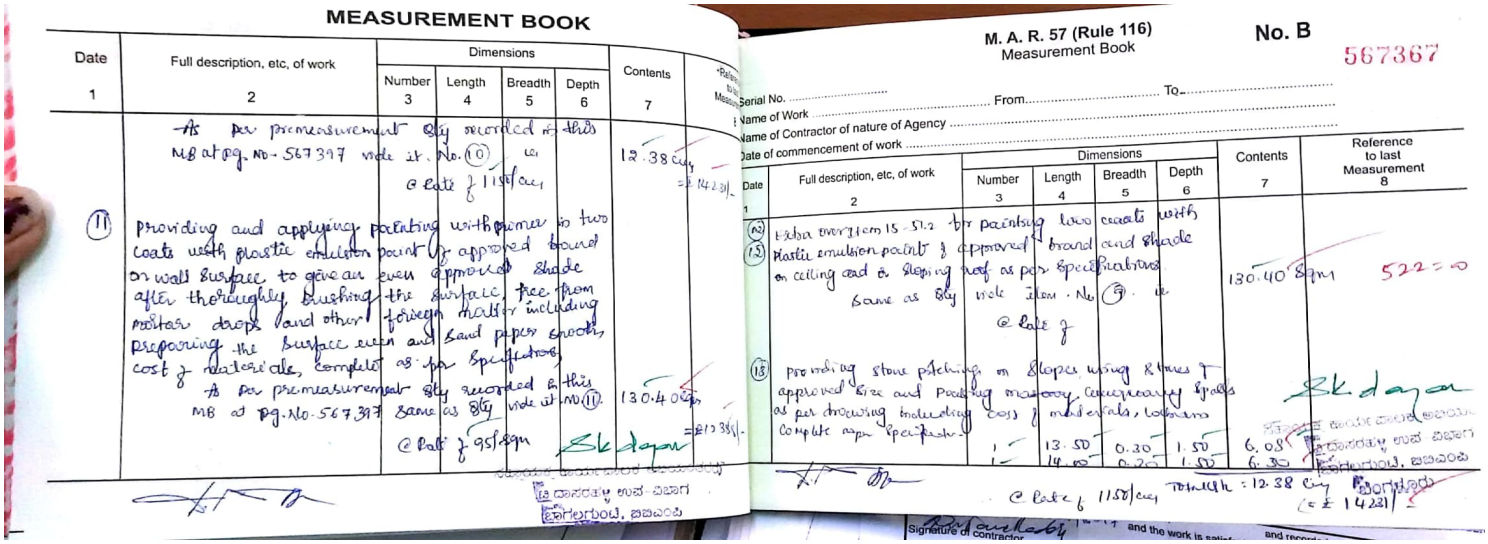

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	As per premeasurement Sty recorded in this MB at pg. No. 567397 vide it. No. (10) @ Rate ₹ 1150/cum					12.38 cum = ₹ 14231/-	
(11)	Providing and applying painting with primer to two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar, drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, complete as per Specifications. As per premeasurement Sty recorded in this MB at pg. No. 567397 Same as Sty vide it. No (11) @ Rate ₹ 95/sqm					130.40 sqm = ₹ 12388/-	

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12) (13)	Extra over item 15.52 for painting two coats with Plastic emulsion paint of approved brand and shade on ceiling and to sloping roof as per Specifications Same as Sty vide Item No (9) @ Rate ₹					130.40 sqm	522 = 00
(13)	providing stone pitching on slopes using 8 kgs of approved size and packing masonry, necessary spalls as per drawing including cost of materials, labours Complete upto specification	1	13.50	0.30	1.50	6.08	
		1	14.00	0.20	1.50	6.30	
	@ Rate ₹ 1150/cum					Total qty = 12.38 cum (= ₹ 14231/-)	Carried forward

Signature of contractor

and the work is satisfactorily executed and recommended for payment

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Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total Bill Amount			494356/-

Certified,

① The work is done satisfactorily

② The Contractor has removed all debris from workspot

③ There is no departmental items made by Contractor

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